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Roll	Number Character Control of the Cont	
TE	MPBTech-CSE065	MPBI
EXPE Title	MPBTech-CSE065  RIMENT  BER OF COMBINATIONS LEADING TO A PRODUCT  cription  Solution  Company of the company of possible unique triplets whose product of	cstobs
NUN Desc	cription NP diech con content and the arectic store and content an	en' Refeet
Pr	oblem Statement:	MPB
∠ ©	a die given an anay an ana a product in roan tactice to ma the name of processing anique triplete infector	,
[EM]	out Format:	;£06576
CSED65	• The accord line contains the integer, n  The accord line contains appear concreted integers of the array arr	st echic
	e input will be read from the STDIN by the candidate	8100
NRBTECH OL	ıtput Format:	
NPB Th	e output consists of a single integer, i.e. the count of unique triplets having product m.	, o'S TEM
Th	e output will be matched to the candidate's output printed on the STDOUT	2000
Ex In	ample:	۷
Įn <sub>l</sub>	out:	echicsk
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∠ec/.	3 20 10 1 4 2	
		Filler
188	utput:	
		SELECTION OF THE PERSON OF THE
	planation:	}E(1)
	oduct m:60	
	pssible triplets for product m: (5,4,3),(20,3,1), (10,3,2)	S S S S S S S S S S S S S S S S S S S
Th	e count of unique triplets is 3.	HE BY
Soui	rece Code:  LENDER DESCRIPTION OF THE COURT	ζ'

```
def count_triplets(arr, n, m):
       unique_triplets = set()
       for i in range(n):
           for j in range(i + 1, n):
               for k in range(j + 1, n):
                   if arr[i] * arr[j] * arr[k] == m:
                       triplet = tuple(sorted([arr[i], arr[j], arr[k]]))
                       unique_triplets.add(triplet)
       return len(unique_triplets)
   # Input Reading
   n = int(input())
   arr = list(map(int, input().split()))
   m = int(input())
   result = count_triplets(arr, n, m)
   print(result)
RESULT
 6 / 6 Test Cases Passed | 100 %
```

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